

# EXECUTIVE SUMMARY

## 2.0 EXECUTIVE SUMMARY

At the Little Rock Job Corps Center there were five (5) buildings surveyed and evaluated for asbestos. Bulk samples were collected from the following suspect materials:

- o Floor Tile and Floor Tile Mastic
- o Plaster
- o Trowelled on Ceiling Plaster Application
- o Pipe Insulation
- o Carpet Mastic
- o Wall Trimming Mastic
- o Roofing Materials
- o Packing Material In Shower Head Devices
- o Ceiling Tiles
- o Demolition Debris

The AHERA (Asbestos Hazard Emergency Response Act) sampling protocols were employed in the identification survey and assessment of the 5 buildings.

Below are the descriptions of the buildings and the type of materials that contain asbestos. (Any material observed during laboratory analysis to contain asbestos greater than 1% by area is considered to be an asbestos-containing material.)

Tables of the results of the analyses and sampling locations are in Section 4.0. The discussion of the results and the conclusions made are located in Section 5.0, Homogenous Areas. The recommendations for managing the positively identified Asbestos-Containing Materials (ACMs) can be found in Section 6.0, Functional Spaces.

## 2.0 EXECUTIVE SUMMARY (CONT.)

### 2.1 Building One (Multipurpose Building)

Building One is an eight story structure-including a roof above the eighth floor and a roof above a portion of the first floor. It was initially a Red Carpet Inn. There was no basement to the building. Presently, this building serves a multipurpose function. It houses dorms for job corp children, classrooms, infirmary, administrative offices, kitchen, cafeteria, recreation rooms, and meeting rooms. The occupied spaces in the building are mainly heated and cooled by individual air handling units (AHU) located at the perimeter sections of the building. The first floor is heated and cooled by separate heating, ventilation, and air conditioning units.

The interior and exterior spaces of the building were surveyed for suspect asbestos-containing material. The following is a list of materials that were observed, and were not suspected to contain asbestos, and thus were not sampled: fiber glass insulation over ventilation ducts and lengths of pipe, fiberglass insulation for the buildings (e.g. structural support column), fiberglass ceiling tiles, polyvinyl chloride (PVC) pipe fittings, aluminum panels, and vibration isolator. Samples were not collected from suspected materials such as drywall and thermal pipe insulation (see section 5.0 for discussion) because destructive sampling methods were not used.

A total of sixty-five (65) bulk samples were collected; no destructive sampling methods were used. During laboratory analysis, asbestos GREATER than 1% by area were observed in fifteen (15) of the samples collected. They are:

#### Surfacing Material

- o Troweled-On/Sprayed-On Ceiling Plaster

#### Miscellaneous Material

- ✓ o Fire Door Insulation
- ✓ o Floor tile adhesive (mastic) for (1' x 1') - Grayish-Spec tiles
- ✓ o Floor Tile Mastic for (1' x 1') - White Spec tiles
- o Packing for Sayco valve (shower head/tub)

Twelve (12) homogenous areas and one hundred thirty-seven (137) functional spaces were identified by the inspectors.



## 2.0 EXECUTIVE SUMMARY (CONT.)

It should be noted that the trowelled-on ceiling plaster application in the majority of Building One had been determined to contain asbestos and should be considered an immediate concern. Some of the trowelled-on ceilings had been observed to have minor water damage and were peeling off from the substrate. The ceilings located in the dorm room 707 and the 7th floor hallway were damaged by fire and smoke. The overall recommendations for managing this trowelled-on ceiling plaster is removal due to its high accessibility and high potential for damage.

### 2.2 Building Two - Vocational Building

Building Two is a one story structure constructed of brick and aluminum sidings. It was built in 1984. The interior was constructed with dry walls, floor tiles and concrete flooring. The roof-ceiling is insulated with fiberglass and covered by a canvas like material.

The interior and the exterior of the building were surveyed for suspect asbestos-containing material. The following is a list of materials that were observed, were not suspected to contain asbestos, and were not sampled: fiberglass insulation of the ventilation ducts, fiberglass insulation under the roof, PVC pipe fittings, and rubber vibration isolators on the AHUs.

Samples were not collected from suspected drywalls because destructive sampling methods were not used.

A total of two (2) bulk samples were collected; no destructive sampling methods were used. The one sample of 1' x 1' floor tile and 2' X 4' drop ceiling tile were collected. During laboratory analysis, asbestos GREATER than 1% by area was not observed in either of the samples collected.

Two (2) homogenous areas and ten (10) functional spaces were identified by the inspector.

There are no areas in Building Two that should be considered an immediate concern.

## 2.0 EXECUTIVE SUMMARY (CONT.)

### 2.3 Building Three - Pool House

Building Three is a 235 square foot pool house. It was constructed of concrete block. The building has two changing/restrooms and a chlorine pump room. Two small fan exhaust units serve the restrooms and a chimney serves the pump room. The interior was constructed with dry walls/sheet rock material and concrete/cement flooring.

At the time of the survey the pool house was not in operation.

The interior and exterior of the building were surveyed for suspect asbestos-containing material. The following is a list of materials that were observed, were not suspected to contain asbestos, and were not sampled: fiberglass insulation of the roof and PVC pipe fittings.

Samples were not collected from suspected dry walls because destructive sampling methods were not used.

One (1) bulk sample was collected; no destructive sampling methods were used. During laboratory analysis, asbestos GREATER than 1% by area was observed in the sample collected.

#### Miscellaneous Material

- o Roofing material - tar like substance around the chimney above the plywood decking.

One (1) homogenous areas and three (3) functional spaces were identified by the inspectors.

There are no areas in or outside of Building Three that should be considered an immediate concern.

### 2.4 Building Four - Storage Shed

Building Four is a 65 square foot storage shed constructed with wood sidings and is located near Building 1. The shed is used to store old televisions and computer terminals. The interior ceiling, floor, and walls are constructed of wood. No suspect asbestos-containing materials (ACM) were observed, therefore, no samples were collected.

Zero (0) homogenous area and one (1) functional space was identified by the inspectors.

There are no areas in Building Four that should be considered an immediate concern.

## 2.0 EXECUTIVE SUMMARY (CONT.)

### 2.5 Building Five - Storage Shed

Building Five is a 290 square foot storage shed constructed with aluminum sidings; it is located beside Building 2. The shed is used to store miscellaneous building materials (lumber, wood planks, cinderblocks, etc), gardening and landscaping equipment and tools, plastic containers, and old household furnishings. The storage space is totally packed with aforementioned materials.

Based on the visual evaluation, the building was not constructed with asbestos-containing material. No suspect ACM was observed inside the shed, hence no samples were collected.

Zero (0) homogenous area and one (1) functional space was identified by the inspectors.

There no areas in Building Five that should be considered an immediate concern.



## RESULTS

### 4.0 ANALYTICAL RESULTS

#### 4.1 Building One - Multi-purpose

4.1.1 SURFACING MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

##### 4.1.1.1 Troweled on Ceiling Plaster Application

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA1013007C	8th Floor, Rm 822	01-05	Chrysotile
LA1013010C	7th Floor, Rm 716	01-05	Chrysotile
LA1013015C	7th Floor, Hallway	01-05	Chrysotile
LA1013018C	6th Floor, Rm 608	01-05	Chrysotile
LA1013027C	6th Floor, Rm 608	01-05	Chrysotile
LA1013035C	4th Floor Janitor Closet	01-05	Chrysotile
LA1013041C	3rd Floor, Rm 314	01-05	Chrysotile
LA1013046C	2nd Floor, Hallway	01-05	Chrysotile

4.1.2 SURFACING MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

##### 4.1.2.1 Exterior Sprayed-on Application On Walls

<u>Sample Number</u>	<u>Location</u>
LA1033103	Center Bldg Maintenance Room Trailer Attachment

##### 4.1.2.2 Troweled-on Ceiling Plaster Application

<u>Sample Number</u>	<u>Location</u>
LA1013034C	4th Floor, Hallway Bathroom #1 (south side)
LA1013047C	2nd Floor, Elevator Lobby

#### 4.0 ANALYTICAL RESULTS (CONT.)

4.1.3 THERMAL SYSTEM INSULATION sampled that were observed to contain asbestos GREATER than 1% by area:

None.

4.1.4 THERMAL SYSTEM INSULATION sampled that were observed NOT to contain asbestos GREATER than 1% by area:

4.1.4.1 Pipe Fitting Insulation

<u>Sample Number</u>	<u>Location</u>
LA1013001P	Boiler/Mechanical Room, 1st Floor
LA1013002P	Boiler/Mechanical Room, 1st Floor
LA1013003P	Boiler/Mechanical Room, 1st Floor
LA1013004P	Boiler/Mechanical Room, 1st Floor

4.1.5 MISCELLANEOUS MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

4.1.5.1 Fire Door Insulation

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA1013024D	6th Floor, Rm 616	01-05	Chrysotile
		30-35	Amosite
LA1013032D	5th Floor, Rm 520	30-35	Amosite
LA1013055D	8th Floor, Rm 814	05-10	Chrysotile
		30-35	Amosite

#### 4.0 ANALYTICAL RESULTS (CONT.)

##### 4.1.5.2 Floor Tile Mastic for (1' x 1') Gray/spec floor tiles

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA1013051FM <sup>1</sup>	1st Floor, Cafeteria	15-20	Chrysotile

##### 4.1.5.3 Floor Tile Adhesive (mastic) for White/spec (1' x 1') Tile

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA1013054FM	1st Floor Cafeteria	01-05	Chrysotile

##### 4.1.5.4 Roofing Material (Flashing)

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA10113058R	Top Roof Above 8th Floor	20-25	Chrysotile

##### 4.1.5.5 Valve Packing Material

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA1013066	Shower Head and In All Resident Room	20-25	Chrysotile

<sup>1</sup> FM = Floor Tile Mastic



#### 4.0 ANALYTICAL RESULTS (CONT.)

4.1.6. MISCELLANEOUS MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

4.1.6.1 Floor Tile (1' x 1') Gray/Spec and Its Associated Adhesive (mastic)

<u>Sample Number</u>	<u>Location</u>
LA1013008F <sup>1</sup>	8th Floor, North Hallway
LA1013009FM	8th Floor, North Hallway
LA1013011F	7th Floor, Hallway, in front to Rm. 715
LA1013012FM	7th Floor, Hallway, In front of Rm 715
LA1013019F	6th Floor, Hallway In front of Rm 620
LA1013020FM	6th floor, Hallway In front of Rm 620
LA1013028F	6th Floor, Janitorial Room
LA1013029FM	6th floor, Janitorial Room
LA1013036F	4th Floor, Hallway 7' North of Rm 415
	Against West Wall
LA1013037FM	4th Floor, Hallway, In front of Rm 415
	Against West Wall
LA1013042F	3rd Floor, Hallway In front of Room 317
LA1013043FM	3rd Floor, Hallway In front of Room 317
LA1013050F	1st Floor, Cafeteria

4.1.6.2 Floor Tile (1' x 1') Beige/Spec and Its Associated Adhesive (Mastic)

<u>Sample Number</u>	<u>Location</u>
LA1013005F	8th Floor, Laundry Room
LA1013006FM	8th Floor, Laundry Room
LA1013025F	6th Floor, Laundry Room
LA1013026FM	6th Floor, Laundry Room

4.1.6.3 Floor Tile (1' x 1') White/Spec and Its Associated Adhesive (Mastic)

<u>Sample Number</u>	<u>Location</u>
LA1013038F	4th Floor, Hallway, In front of Room 408
LA1013039FM	4th Floor, Hallway, In front of Room 408
LA1013053F	1st Floor, Cafeteria

<sup>1</sup> F = Floor Tile

#### 4.0 ANALYTICAL RESULTS (CONT.)

##### 4.1.6.4 Floor Tile (1' x 1') Dark Brown/Spec and Its Associated Adhesive (Mastic)

<u>Sample Number</u>	<u>Location</u>
LA1013048F	1st Floor, N. Stairwell
LA1013049FM	1st Floor, N. Stairwell

##### 4.1.6.5 Wall Trimming and Carpet Adhesive (Mastic)

<u>Sample Number</u>	<u>Location</u>
LA1013013CM <sup>1</sup>	7th Floor, Room 717
LA1013014WM <sup>2</sup>	7th Floor, N. Hallway, on West wall
LA1013021CM	6th Floor, Rm 620
LA1013022WM	6th Floor, Rm 616, Against S. Wall
LA1013030CM	5th Floor, Rm 502
LA1013031WM	5th Floor, In front of N. Elevator On W. Wall
LA1013040WM	4th Floor, Rm 412, Against S. Wall

##### 4.1.6.6 Plaster Wall/Dry Wall

<u>Sample Number</u>	<u>Location</u>
LA1013016WP <sup>3</sup>	7th Floor, Rm 707, Debris After Fire
LA1013023PL <sup>4</sup>	6th Floor, RM 616, On N. Wall
LA1013033PL	5th Floor, S. Fire Exit Door, Leading To Stairwell

<sup>1</sup> CM = Carpet Mastic

<sup>2</sup> WM = Wall Trimming Mastic

<sup>3</sup> WP = Drywall

<sup>4</sup> PL = Plaster Application

#### 4.0 ANALYTICAL RESULTS (CONT.)

##### 4.1.6.7 Roofing Materials (Flashing and Roofing Felt)

<u>Sample Number</u>	<u>Location</u>
LA1013056R	Top Roof, Above 8th Floor, East Side
LA1013057R	Top Roof, Above 8th Floor, N. of Elevator Machine Room
LA1013059R	Top Roof, Flashing, N. Side Wall
LA1013060R	Building Entrance Canopy, Flashing
LA1013061R	Building Entrance Canopy
LA1013062R	Roof Above 1st Floor, N. Side Near Ledge
LA1013063R	Roof Above 1st Floor, S. Side Near Ledge
LA1013064R	Flashing, Roof Above 1st Floor, Against W. Perimeter Wall
LA1013065R	Flashing, Roof Above 1st Floor, SW of Perimeter Wall

##### 4.1.6.8 Ceiling Tile (2' x 2')

<u>Sample Number</u>	<u>Location</u>
LA1013052CT	1st Floor, S. Hallway, Above Exit Sign

#### 4.2 Building Two - Vocational Building

- 4.2.1 SURFACING MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.2.2 SURFACING MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.2.3 THERMAL SYSTEM INSULATION sampled that were observed to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.2.4 THERMAL SYSTEM INSULATION sampled that were observed NOT to contain asbestos GREATER than 1% by area:

No Samples Collected.



#### 4.0 ANALYTICAL RESULTS (CONT.)

- 4.2.5 MISCELLANEOUS MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

NONE

- 4.2.6 MISCELLANEOUS MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

4.2.6.1 Ceiling Tile (2' x 4')

<u>Sample Number</u>	<u>Location</u>
LA2033101C	Replacement Tile, Office

4.2.6.2 Floor Tile (1' x 1') Brown/Spec

<u>Sample Number</u>	<u>Location</u>
LA2033102F	Hallway, Under Doorway in front of the Wood Shop

#### 4.3 Building Three - Pool House

- 4.3.1 SURFACING MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.3.2 SURFACING MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.3.3 THERMAL SYSTEM INSULATION sampled that were observed to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.3.4 THERMAL SYSTEM INSULATION sampled that were observed NOT to contain asbestos GREATER than 1% by area:

No Samples Collected.

- 4.3.5 MISCELLANEOUS MATERIAL sampled that were observed to contain asbestos GREATER than 1% by area:

4.0 ANALYTICAL RESULTS (CONT.)

4.3.5.1 Roofing Material

<u>Sample Number</u>	<u>Location</u>	<u>Percent of Asbestos</u>	<u>Type of Asbestos</u>
LA3033104	Pump Room Above Plywood Roof, Around Chimney (Exhaust Vent)	20-30	Chrysotile

4.3.6 MISCELLANEOUS MATERIAL sampled that were observed NOT to contain asbestos GREATER than 1% by area:

NONE